

Appl. No. 09/659,895
Atty. Docket No. 7885
Amdt. dated June 9, 2003
Reply to Office Action of February 7, 2003
Customer No. 27752

AMENDMENTS TO THE CLAIMS

1. (currently amended) A capped poly(oxyalkylated) alcohol having the formula:



wherein, R is selected from the group consisting of linear or branched, saturated or unsaturated, substituted or unsubstituted, aliphatic or aromatic hydrocarbon radicals having from about 1 to about 30 carbon atoms; R¹ may be the same or different, and is independently selected from the group consisting of branched or linear C₂ to C₇ alkylene in any given molecule; x is a number from 1 to about 30; and R² is selected from the group consisting of:

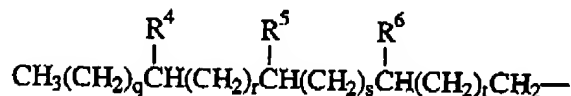
- (i) a 4 to 8 membered substituted, or unsubstituted heterocyclic ring containing from 1 to 3 hetero atoms; and
- (ii) ~~linear or branched, saturated or unsaturated, substituted or unsubstituted, cyclic or acyclic, aliphatic or~~ partially unsaturated cyclic or aromatic hydrocarbon radicals having from about ~~14~~ to about 30 carbon atoms; and
- (iii) 7 to 13 membered substituted, or unsubstituted polycyclic ring;
- (iv) substituted or unsubstituted cyclic hydrocarbon radical having from 5 to 30 carbon atoms, wherein when the cyclic hydrocarbon radical is an unsubstituted 6 carbon radical or a substituted 7 or 8 carbon radical, R is a linear or branched, saturated or unsaturated, substituted or unsubstituted aliphatic radical having from about 1 to about 5 carbon atoms; and
- (v) substituted or unsubstituted cyclic hydrocarbon radical having from 5 to 30 carbon atoms, wherein when the cyclic hydrocarbon radical is an unsubstituted cyclohexyl radical or a methyl or ethyl substituted cyclohexyl radical, R is a branched, saturated or unsaturated, substituted or unsubstituted aliphatic radical having from about 23 to about 30 carbon atoms;

2. (original) The compound as claimed in Claim 1 wherein R is a linear or branched, saturated or unsaturated, substituted or unsubstituted, aliphatic hydrocarbon radical having from about 1 to about 20 carbon atoms.

Appl. No. 09/659,895
 Atty. Docket No. 7885
 Amdt. dated June 9, 2003
 Reply to Office Action of February 7, 2003
 Customer No. 27752

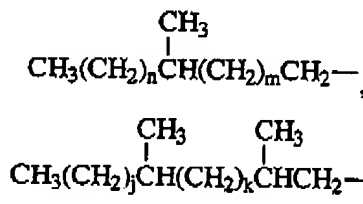
3. (*original*) The compound as claimed in Claim 2 wherein R is a linear or branched, saturated, aliphatic hydrocarbon radicals having from about 4 to about 18 carbon atoms.

4. (*original*) The compound as claimed in Claim 1 wherein R has the formula:



wherein R⁴, R⁵, and R⁶ are each independently selected from hydrogen, C₁-C₃ alkyl, and mixtures thereof, provided that R⁴, R⁵, and R⁶ are not all hydrogen and, when t is 0, at least R⁴ or R⁵ is not hydrogen; q, r, s, t are each independently integers from 0 to 13.

5. (*original*) The compound as claimed in Claim 4 wherein R has the formula:



wherein n, m, j and k are each independently integers from 0 to 13.

6. (*currently amended*) The compound as claimed in Claim 1 wherein R² is a ~~hydrocarbon radical~~ of the formula:



wherein R³ is selected from the group consisting of ~~linear or branched, saturated or unsaturated~~, substituted or unsubstituted, ~~aliphatic or aromatic~~ hydrocarbon radicals having from about ~~16~~ to about ~~30~~27.

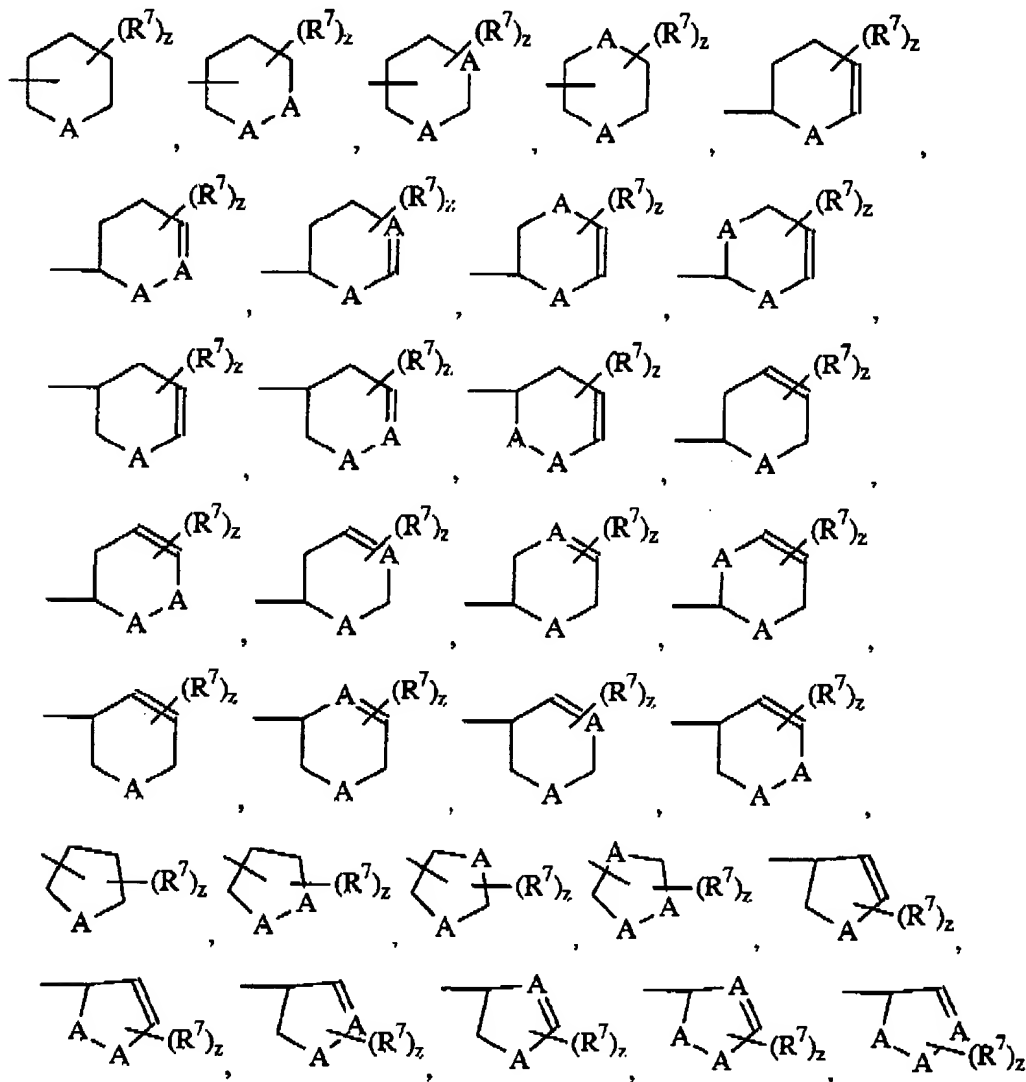
- 7- (*withdrawn*) The compound as claimed in Claim 6 wherein R³ is CH₃CH₂-

Appl. No. 09/659,895
 Atty. Docket No. 7885
 Amdt. dated June 9, 2003
 Reply to Office Action of February 7, 2003
 Customer No. 27752

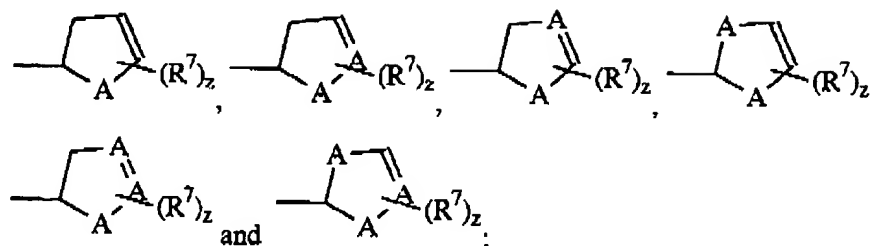
8. (currently amended) The compound as claimed in Claim 1 wherein R^2 is a 4 to 8 member substituted, or unsubstituted heterocyclic ring containing from 1 to 3 hetero atoms.

9. (currently amended) The compound as claimed in Claim 8 wherein said heterocycle substituted or unsubstituted heterocyclic ring is a 5 or 6 member heterocycle.

10. (currently amended) The compound as claimed in Claim 9 wherein said heterocycle is selected from the group consisting of:

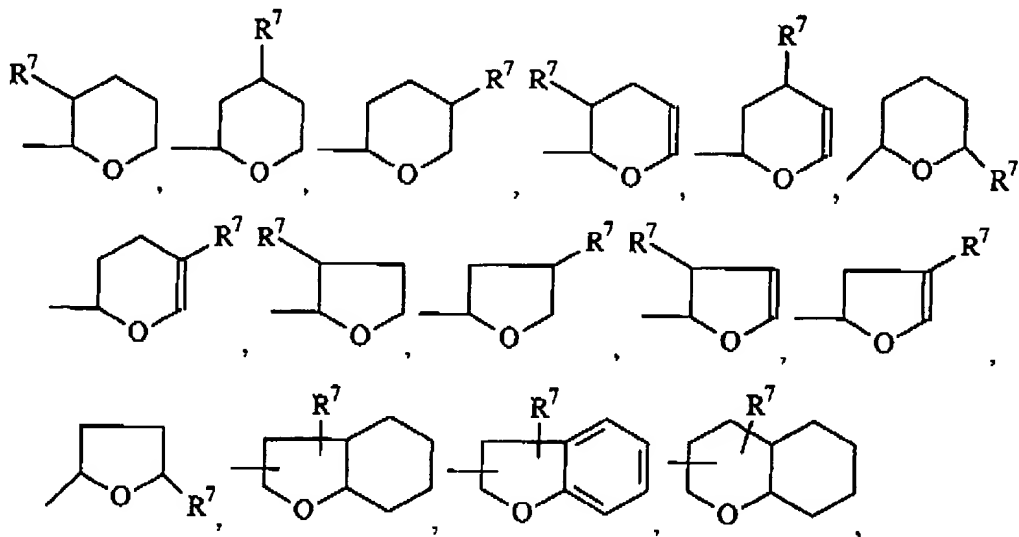


Appl. No. 09/659,895
 Atty. Docket No. 7885
 Amdt. dated June 9, 2003
 Reply to Office Action of February 7, 2003
 Customer No. 27752

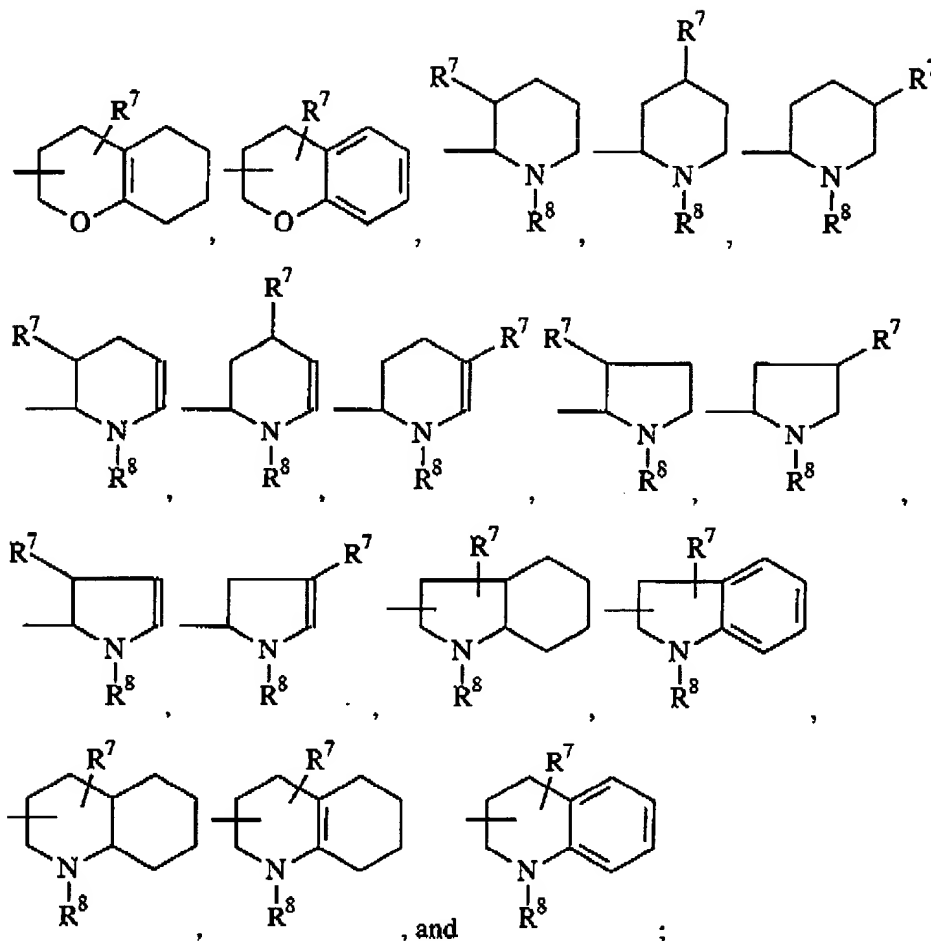


wherein each R^7 is independently selected from the group consisting of hydrogen, linear or branched, saturated or unsaturated, substituted or unsubstituted, aliphatic hydrocarbon or alkoxy radical having from about 1 to about 10 carbon atoms, or R^7 is a saturated or unsaturated, substituted or unsubstituted, alicyclic or aromatic hydrocarbon or alkoxy radical having, from about 1 to about 10 carbon atoms, which is fused to the heterocyclic ring; each A is independently selected from the group consisting of O, and $N(R^8)_a$, wherein R^8 is independently selected from the group consisting of hydrogen, linear or branched, saturated or unsaturated, substituted or unsubstituted, aliphatic hydrocarbon or alkoxy radical having from about 1 to about 10 carbon atoms, and a is either 0 or 1; provided that any A that is bound by a double bond must be $N(R^8)_a$ wherein a = 0; z is an integer from 1 to 3.

11. (original) The compound as claimed in Claim 10 wherein said heterocycle is selected from the group consisting of:



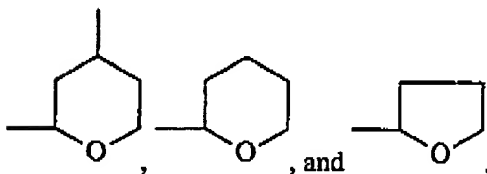
Appl. No. 09/659,896
 Atty. Docket No. 7885
 Amdt. dated June 9, 2003
 Reply to Office Action of February 7, 2003
 Customer No. 27752



wherein R^7 and R^8 are defined as above.

12. (original) The compound as claimed in Claim 1 wherein said ether-capped poly(oxyalkylated) alcohol contains a chiral center.

13. (original) The compound as claimed in Claim 11 wherein said heterocycle is selected from the group consisting of:

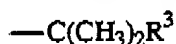


Appl. No. 09/659,895
 Atty. Docket No. 7885
 Amdt. dated June 9, 2003
 Reply to Office Action of February 7, 2003
 Customer No. 27752

14. (*original*) The compound as claimed in Claim 1 wherein R^2 is a 7 to 13 membered substituted, or unsubstituted polycyclic ring.

15. (*original*) The compound as claimed in Claim 14 wherein R^2 is selected from the group consisting of substituted, or unsubstituted adamantane, substituted, or unsubstituted norbornane, substituted, or unsubstituted nortricyclene, and substituted, or unsubstituted bicyclo[2.2.2]octane.

16. (*currently amended*) The compound as claimed in Claim 1 wherein R is selected from the group consisting of linear or branched, aliphatic hydrocarbon radicals having from about 7 to about 11 carbon atoms; x is a number from 6 to about 10; and R^2 is selected from the group consisting of a hydrocarbon radical of the formula:



wherein R^3 is selected from the group consisting of ~~linear or branched, saturated or unsaturated, substituted or unsubstituted, cyclic~~ aliphatic radicals having from about 5 to about 30 carbon atoms or substituted or unsubstituted aromatic hydrocarbon radicals having from about 6 to about 30 carbon atoms, having from about 2 to about 5 carbon atoms.

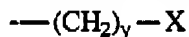
17. (*currently amended*) The compound as claimed in Claim 1 wherein R^2 is a hydrocarbon of the formula:



wherein, y is an integer from θ 1 to 7; and X, is a 4 to 8 membered substituted, or unsubstituted, partially unsaturated cyclic or aromatic hydrocarbon radical.

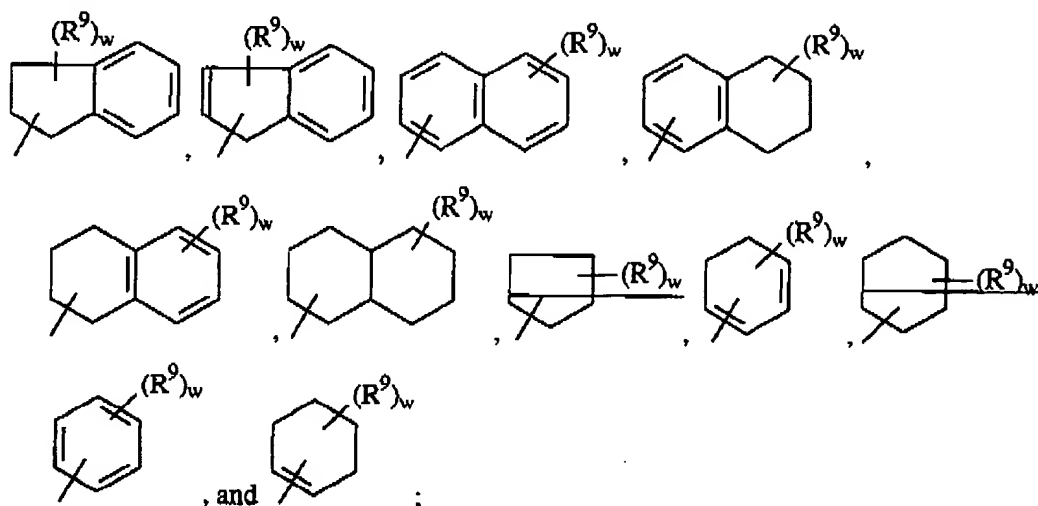
18. (*currently amended*) The composition as claimed in Claim 17 wherein y is θ from 1 to 7 and X, is a 5 or 6 membered substituted, or unsubstituted, saturated or unsaturated cyclic or aromatic hydrocarbon radical.

19. (*currently amended*) The compound Claim 1 wherein R^2 is a hydrocarbon of the formula:



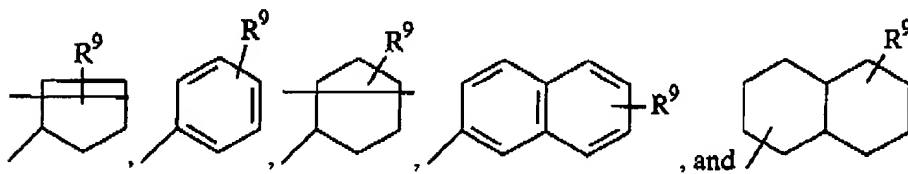
wherein, y is an integer from 0 to 7, and Claim 17 wherein X is selected from the group consisting of:

Appl. No. 09/659,895
 Atty. Docket No. 7885
 Amdt. dated June 9, 2003
 Reply to Office Action of February 7, 2003
 Customer No. 27752



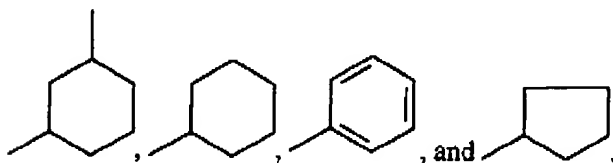
wherein each R^9 is independently selected from the group consisting of hydrogen, linear or branched, saturated or unsaturated, substituted or unsubstituted, aliphatic hydrocarbon or alkoxy radical having from about 1 to about 10 carbon atoms, or R^9 is a saturated or unsaturated, substituted or unsubstituted, alicyclic or aromatic hydrocarbon radical having, from about 1 to about 10 carbon atoms, which is fused to the ring; w is an integer from 1 to 3.

20. (currently amended) The compound as claimed in Claim 19 wherein X is selected from the group consisting of:



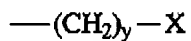
wherein R^9 is defined as above.

21. (currently amended) The compound as claimed in Claim ~~19~~ 18 wherein X is selected from the group consisting of:



Appl. No. 09/659,895
Atty. Docket No. 7885
Amdt. dated June 9, 2003
Reply to Office Action of February 7, 2003
Customer No. 27752

22. (*currently amended*) The compound as claimed in Claim 1 wherein R is selected from the group consisting of linear or branched, aliphatic hydrocarbon radicals having from about 7 to about 11 carbon atoms; x is a number from 6 to about 10; and R² is selected from the group consisting of a hydrocarbon radical of the formula:



wherein y is 0 and X, is a 5 or 6 membered substituted, or unsubstituted, saturated or unsaturated cyclic or aromatic hydrocarbon radical.

23. (*currently amended*) The process compound as claimed in Claim 22 wherein X is selected from the group consisting of

